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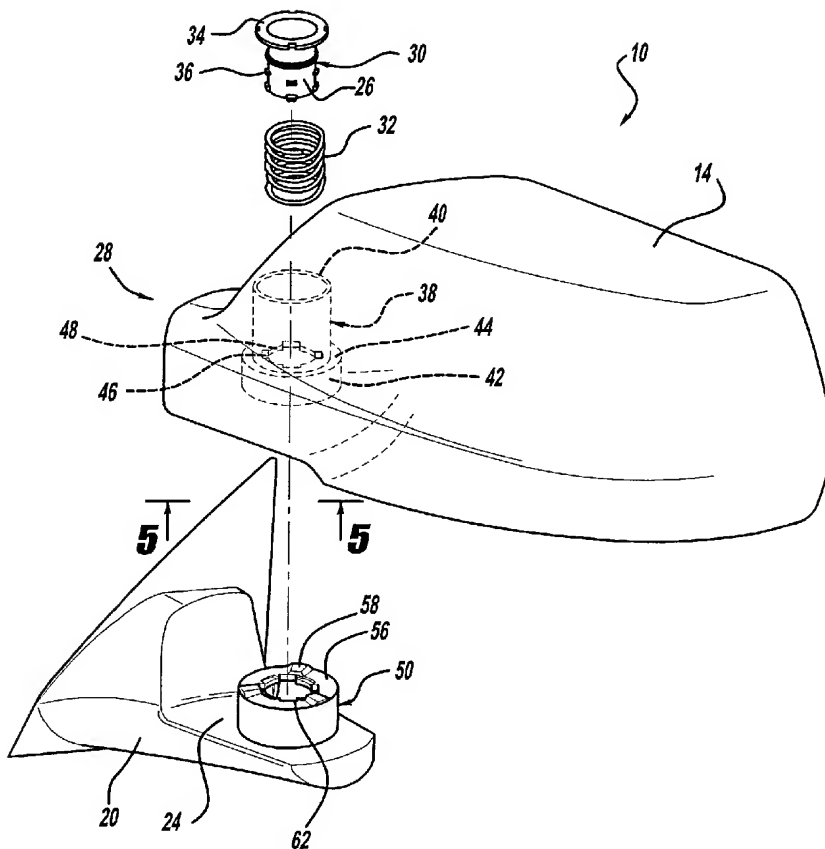
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(54) Title: WEAR-PROOF DÉTENTE FOR FOLDING MIRRORS



(57) Abstract: A folding assembly (10) for a vehicle side mirror that employs specialized ramped detentes (58). The folding assembly (10) includes a pivot tube (30) and a pivot spring (32) rotatably coupled to a case frame (16) and rigidly coupled to a base frame (24). The base frame (24) includes a series of ramped detentes (58) that are seated within corresponding recesses (64) in the case frame (16). The inside angle ( $\beta_1$ ) of the ramps of the detentes is steeper than the outside angle ( $\beta_2$ ) of the ramps of the detentes according to a predetermined formula so that when the case frame (16) is rotated relative to the base frame (24), and the detentes move out of their recesses, the force of the rotation is distributed along the entire length of the ramp to increase the durability performance of the mirror and thus its longevity.



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#### Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)
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